

Appl. No. 09/424,482
Amdt. dated February 26, 2004
Response to Notice of Allowance January 15, 2004

PATENT

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1. (currently amended) A zinc finger polypeptide library in which each polypeptide comprises more than one zinc finger comprising amino acid positions -1 to + 9 with position 1 representing the first amino acid of an alpha-helix and wherein each polypeptide has been at least partially randomised such that the randomisation extends to cover at least one position selected from the group consisting of -1, 1, 2, 3, 5 and 6 and at least one position selected from the group consisting of -1, 1, 2 and 3 in first and second adjacent fingers, respectively, and wherein the randomization is at least at positions 6 and 2 of the adjacent first and second fingers, respectively.

Claim 2. (previously presented) A library according to claim 1 wherein each polypeptide comprises between three and six zinc fingers.

Claims 3-5 (canceled)

Claim 6 (previously presented) A library according to claim 1, wherein the randomised positions are selected from positions -1, 1, 2, 3, 5 and 6.

Claim 7 (previously presented) A library according to claim 1, wherein the randomization of amino acid residues is restricted such that the following amino acids appear at the given positions:

Position	Amino Acids
-1	R, Q, H, N, D, A, T
1	S, R, K, N
2	D, A, R, Q, H, K, S, N
3	H, N, S, T, V, A, D
5	I, T, K
6	R, Q, V, A, E, K, N, T

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Claims 8-26 (canceled)

Claim 27 (previously presented) A library according to claim 1 wherein positions -1, 1, 2, 3, 5 and 6 of a first zinc finger and -1, 1, 2 and 3 of a second finger are randomized.

Claim 28 (previously presented) A library according to claim 1 wherein positions 3, 5 and 6 of a first zinc finger and -1, 1, 2 and 3 of a second finger are randomized.